

19. (New) A plastic molding as claimed in claim 18, wherein the film has a thickness of from 0.1 to 1.0 mm.

20. (New) A plastic molding as claimed in claim 19, wherein the film has a thickness of from 0.5 to 1.0 mm.

21. (New) A plastic molding as claimed in claim 18, wherein the backmolding film is a composite laminated film comprising, in this order:

(1) a substrate layer

comprising an ASA molding composition comprising components A and B, and where appropriate C, whose total amount is 100% by weight,

(a) 1 - 99% of a graft copolymer of

(al) 1 - 99% by weight of a particulate graft A1 comprising the following monomers

(all) 80 - 99.99% by weight of at least one C<sub>1-18</sub> alkyl ester of acrylic acid as component A11,

(a12) 0.01 - 20% by weight of at least one polyfunctional crosslinking monomer as component A12,

(a2) 1 - 99% by weight of a graft A2 comprising the following monomers, based on A2,

(a21) 40 - 100% by weight of units of styrene, a substituted styrene or a (meth)acrylate or mixtures thereof as component A21, and

(a22) up to 60% by weight of units of acrylonitrile or methacrylonitrile as component A22,

the graft A2 here consists of at least one graft shell, the graft copolymer having a mean particle size of 50 - 1000 nm,

as component A,

(b) 1- 99% by weight of a copolymer of

(b1) 40 - 100% by weight of units of styrene, a substituted styrene or a (meth)acrylate

or mixtures thereof as component B1,

(b2) up to 60% by weight of acrylonitrile or methacrylonitrile as component B2,

as component B,

(c) 0 - 80% by weight of polycarbonate as component C,

or a substrate layer comprising

ABS, polycarbonate, polybutylene terephthalate, polyethylene terephthalate, polyamide, polyetherimide, polyether ketone, polyphenylene sulfide, polyphenylene ether, or blends thereof,

(2) if desired, an interlayer of polymethyl methacrylate, high-impact polymethyl methacrylate, ABS, polycarbonate, polyethylene terephthalate, styrene-acrylonitrile copolymers, polyamide, polyether sulfone or polysulfone, which may comprise effect colorants, having a layer thickness of from 50 to 400  $\mu\text{m}$

(3) a transparent top layer, comprising polymethyl methacrylate, high-impact polymethyl methacrylate, ABS, polycarbonate, polyethylene terephthalate, styrene-acrylonitrile copolymers, polyamide, polyether sulfone PVDF or polysulfone, having a layer thickness of from 10 to 100  $\mu\text{m}$ .

22. (New) A plastic molding as claimed in claim 21, wherein the thickness of the substrate layer (1) is from 90 to 990  $\mu\text{m}$ , that of the interlayer (2) from 50 to 400  $\mu\text{m}$ , and that of the top layer (3) from 10 to 100  $\mu\text{m}$ .

23. (New) A plastic molding as claimed in claim 21, wherein the back-molding film on the outer face of the substrate layer comprises a tie layer having a thickness of from 5 to 100  $\mu\text{m}$  and comprising an adhesion promoter.

24. (New) A plastic molding as claimed in claim 18, wherein the fiber reinforced plastic is a material as defined for a substrate layer (1) as

- (1) the substrate layer
  - comprising an ASA molding composition comprising components A and B, and where appropriate C, whose total amount is 100% by weight,
    - (a) 1 - 99% of a graft copolymer of
      - (al) 1 - 99% by weight of a particulate graft A1 comprising the following monomers
        - (all) 80 - 99.99% by weight of at least one C<sub>1-18</sub> alkyl ester of acrylic acid as component A11,
      - (a12) 0.01 - 20% by weight of at least one polyfunctional crosslinking monomer as component A12,
    - (a2) 1 - 99% by weight of a graft A2 comprising the following monomers, based on A2,
      - (a21) 40 - 100% by weight of units of styrene, a substituted styrene or a (meth)acrylate or mixtures thereof as component A21, and
        - (a22) up to 60% by weight of units of acrylonitrile or methacrylonitrile as component A22,

the graft A2 here consists of at least one graft shell, the graft copolymer having a mean particle size of 50 - 1000 nm,

- as component A,
  - (b) 1- 99% by weight of a copolymer of
    - (b1) 40 - 100% by weight of units of styrene, a substituted styrene or a (meth)acrylate or mixtures thereof as component B1,
    - (b2) up to 60% by weight of acrylonitrile or methacrylonitrile as component B2,

as component B,

(c) 0 - 80% by weight of polycarbonate as component C,

or a substrate layer comprising

ABS, polycarbonate, polybutylene terephthalate, polyethylene terephthalate,  
polyamide, polyetherimide, polyether ketone, polyphenylene sulfide, polyphenylene ether, or  
blends thereof.

25. (New) A plastic molding as claimed in claim 18, wherein the fibers in the plastic  
are glass fibers.

26. (New) A plastic molding as claimed in claim 18, wherein the polymer  
backmolding film comprises an interlayer (2) of PMMA or high-impact PMMA, which  
comprises effect colorants, and the transparent top layer (3) is composed of PMMA, PVDF or  
high-impact PMMA.

27. (New) A plastic molding as claimed in claim 18, wherein the fiber reinforced  
plastic is a blend of polycarbonate (PC) or polybutylene terephthalate (PBT) with an ASA  
molding composition, or is an ABS or PBT molding composition.

28. (New) A process for producing an injection backmolded or casting backmolded  
plastic molding as claimed in claim 18 by

producing the backmolding film by adapter coextrusion or die coextrusion of the  
respective components (1) and/or (2) and/or (3), the entire composite being produced in a  
single-stage process, or by laminating films of the components in a heatable nip,

thermoforming the backmolding film in a mold, and injection backmolding or casting  
behind the backmolding film with the fiber reinforced plastic, wherein the fibers are  
introduced directly during processing, so that their length in the component is at least partly >  
1 mm.

29. (New) A plastic molding comprising a polymer backmolding film which is compression backmolded with a glass fiber reinforced ASA/PC plastic having a fiber content of from 5 to 30% by weight by a melt application or LFT technique, the ASA/PC plastic having a thickness of 1.5 to 4.5 mm, wherein the length of the glass fibers in the glass fiber reinforced plastic in the plastic molding is at least partly > 1 mm.

30. (New) A plastic molding comprising a polymer backmolding film which is compression backmolded with a short glass fiber reinforced PBT/ASA plastic having a fiber content of from 5 to 30% by weight by a melt application technique, the PBT/ASA plastic having a thickness of from 1.5 to 4.5 mm.

31. (New) A plastic molding as claimed in claim 29, wherein the film has a thickness of from 0.1 to 1.0 mm.

32. (New) A process for producing a plastic molding as claimed in claim 29 by producing the backmolding film by adapter coextrusion or die coextrusion of the respective components (1) and/or (2) and/or (3), the entire composite being produced in a single-stage process, or by laminating films of the components in a heatable nip, thermoforming the backmolding film in a mold, and compression backmolding the backmolding film with the fiber reinforced plastic, wherein the fibers are introduced directly during processing, so that their length in the component is at least partly > 1 mm.

#### REMARKS

Favorable consideration of this application, as presently amended, is respectfully requested.